



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Wednesday, May 1, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today and Thursday

- **Severe storms and flash flooding threat continues across portions of TX, OK, AR, and LA.**

## Friday through Sunday

- **Friday & Saturday: Isolated flash flooding and severe storms possible for portions of OK, TX, AR, LA.**

## Major River Flooding or Known Evacuations

- **Major flooding continues on the MS River at Baton Rouge, LA; impacts are primarily to navigation on the river.**

# FEMA Region 6 Threat Matrix

May 1, 2019 – May 5, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	TX	TX & AR	TX		
	OK, LA, AR	OK & LA			
Heavy Rain / Flash Flooding	TX	OK, TX, AR, LA	TX, OK	TX, AR, LA	
	OK, AR, LA				
Winter Weather					
Fire Weather	NM, TX				
River Flooding	LA/AR	LA/AR	LA/AR	LA/AR	LA/AR
	TX/OK	TX/OK	TX/OK	TX/OK	TX/OK

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

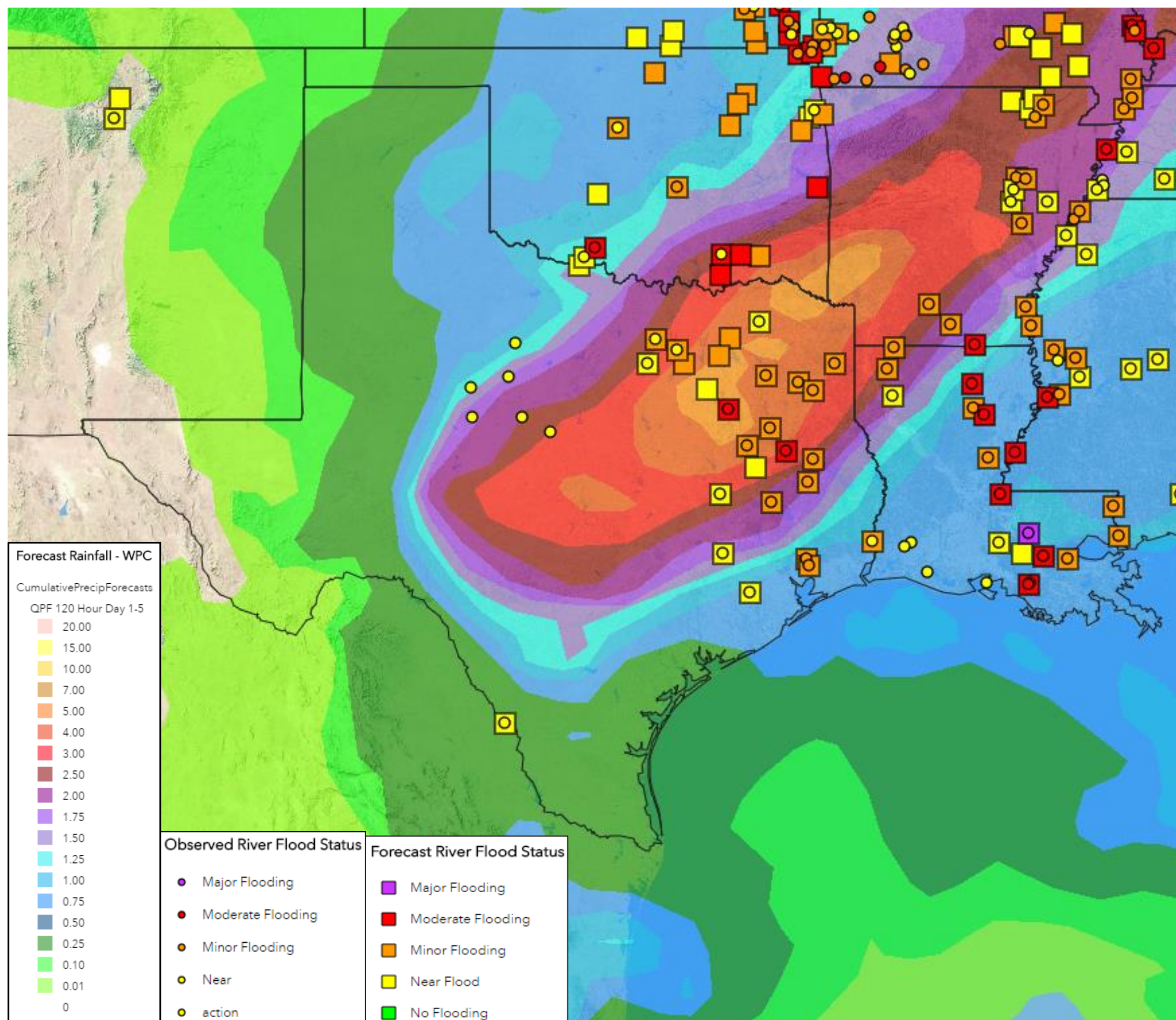


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



- Points along the MS River in AR and LA remain at moderate flood stage, with the point near Baton Rouge, LA remaining in major flood stage.
- Impacts are primarily to secondary roads, agriculture, and navigation. The city of Baton Rouge is protected by levees.
- Minor to moderate river flooding is occurring across E TX, AR, OK, and LA.
- No significant impacts are occurring or expected.
- Additional moderate to heavy rainfall is expected across portions TX, OK, LA, AR this week.
- The rain will prolong ongoing flooding and lead to additional minor to isolated moderate flooding.

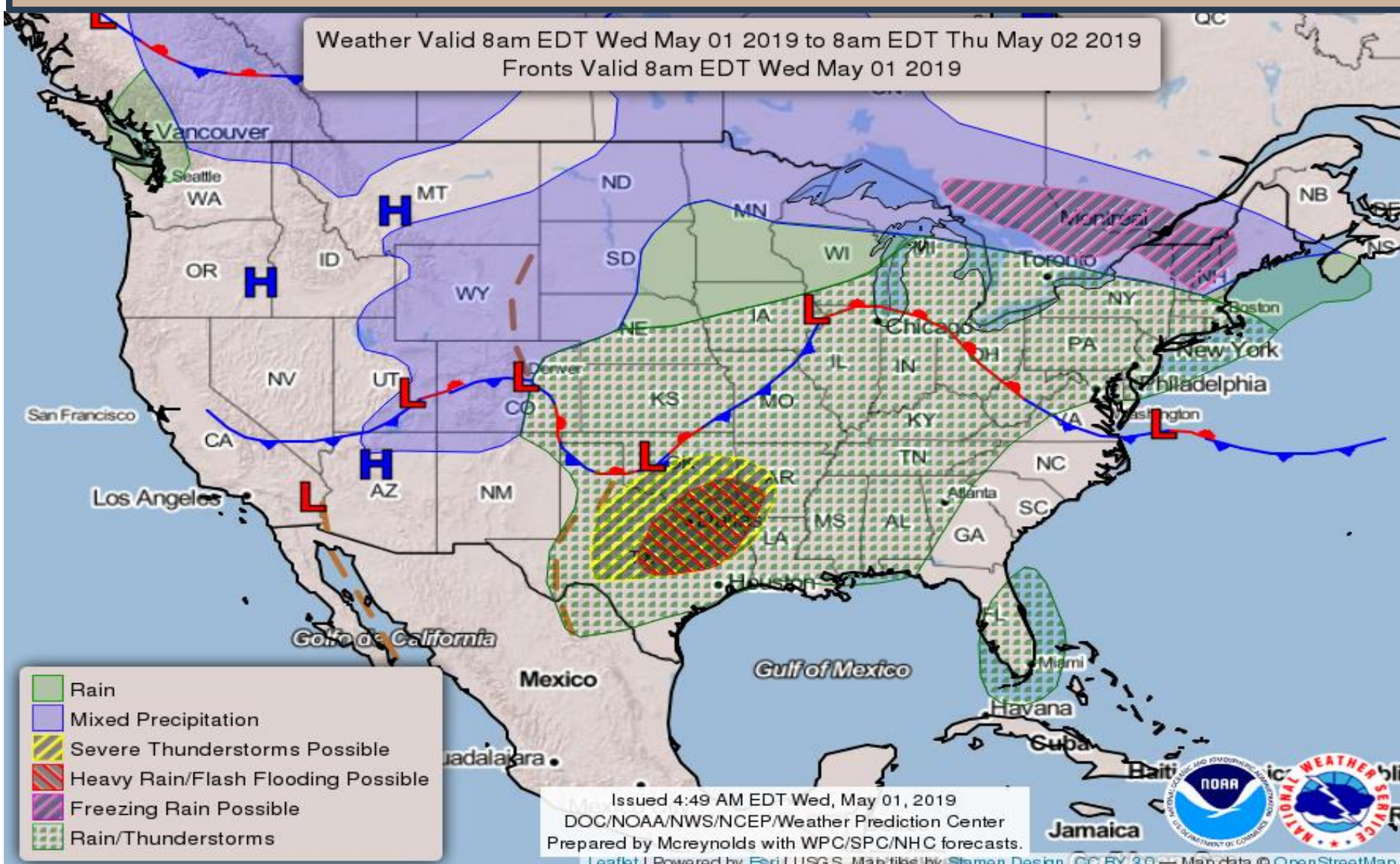


# Today's Weather

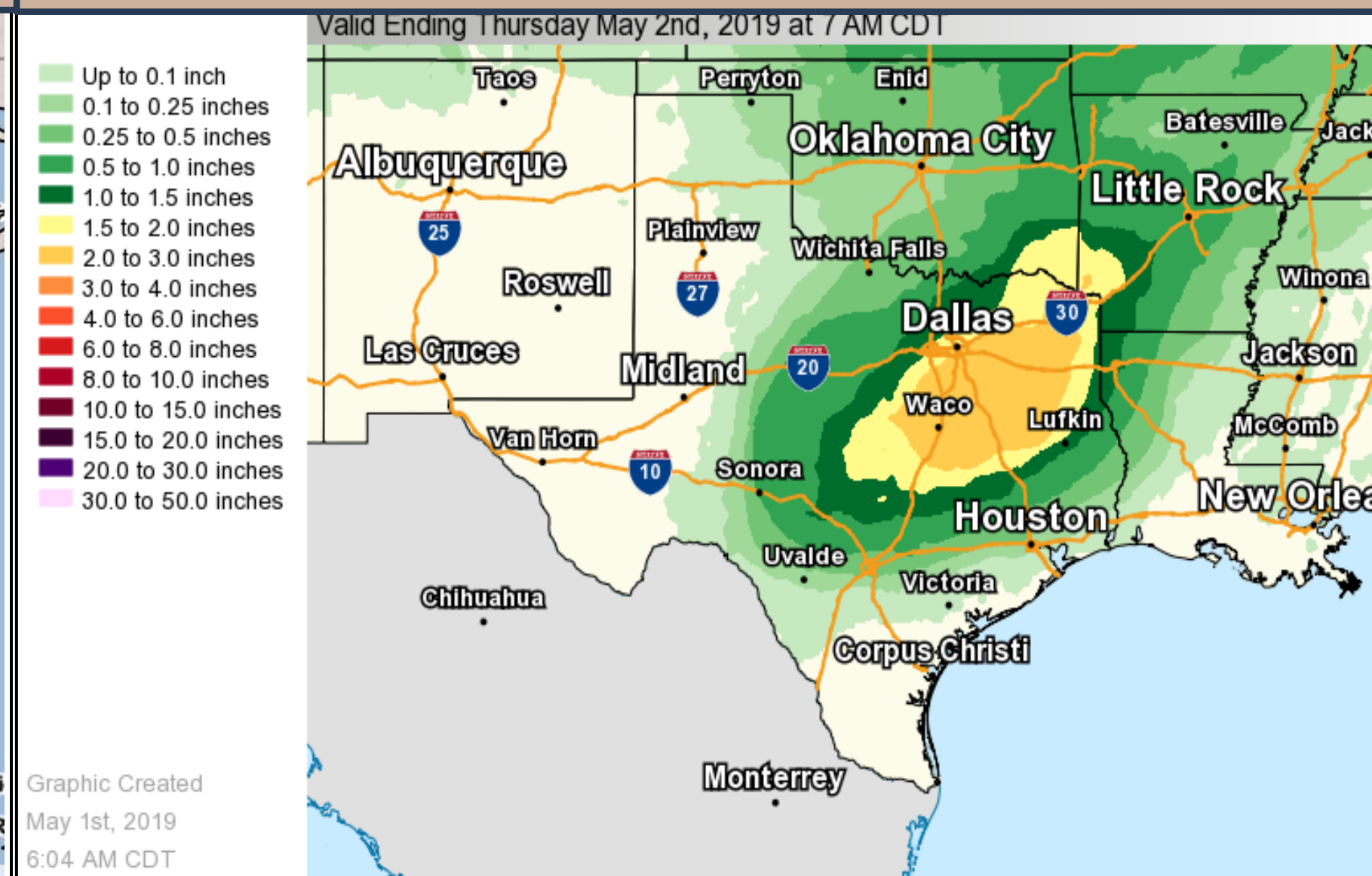


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## Forecast Chart



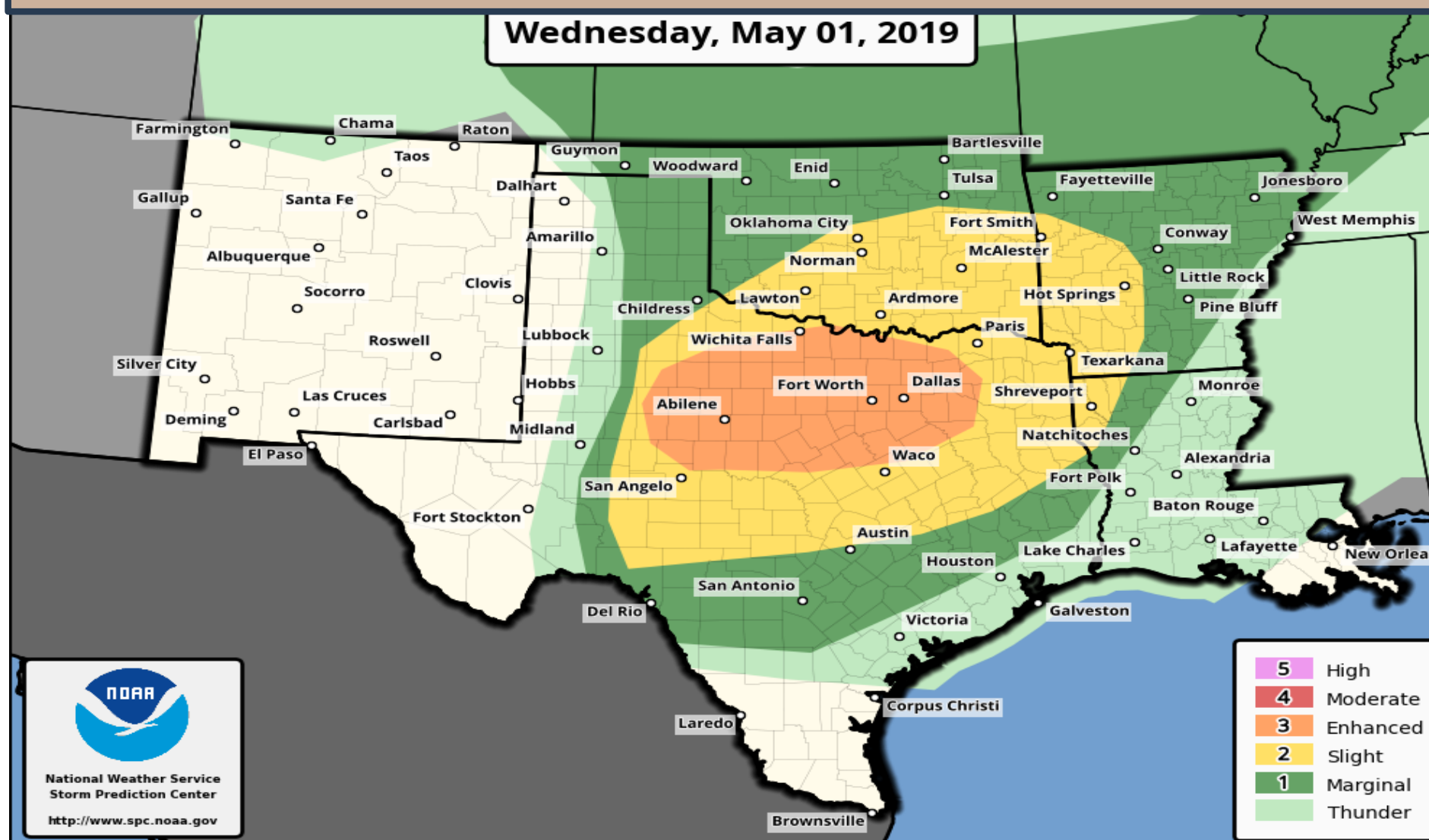
## Forecast Rainfall



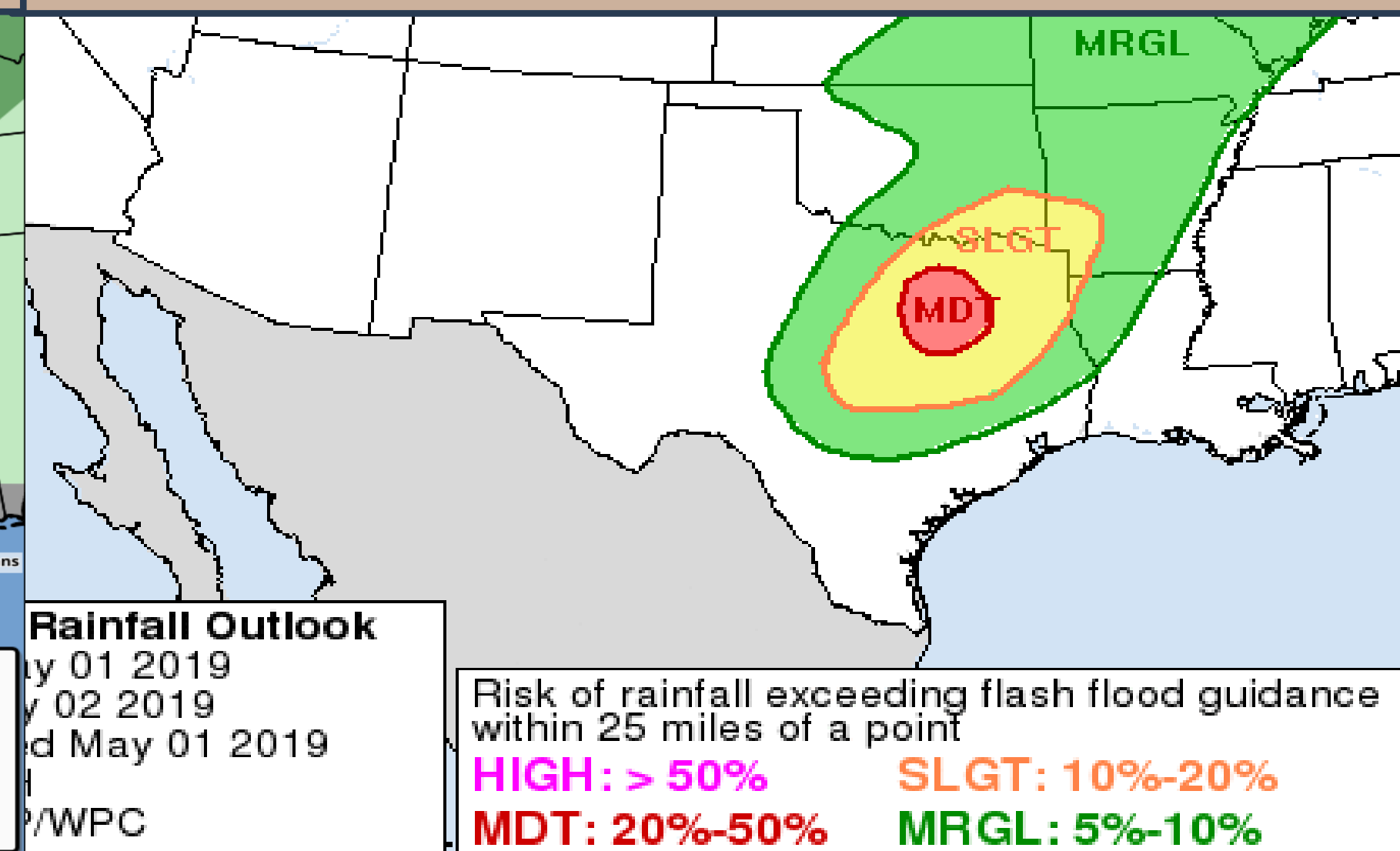
**Enhanced risk of severe thunderstorms possible across NW and North Central TX. Damaging winds/large hail are the main threats. Low tornado threat.**

**Slight risk of severe storms over portions of TX, OK, AR, NW LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



**Moderate risk of excessive rainfall and flooding over North Central Texas**

**Slight risk of excessive rainfall for portions of TX, SE OK, NW LA, and W AR**



# Watches, Warnings, and Advisories



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## Fire Weather



Graphic Created

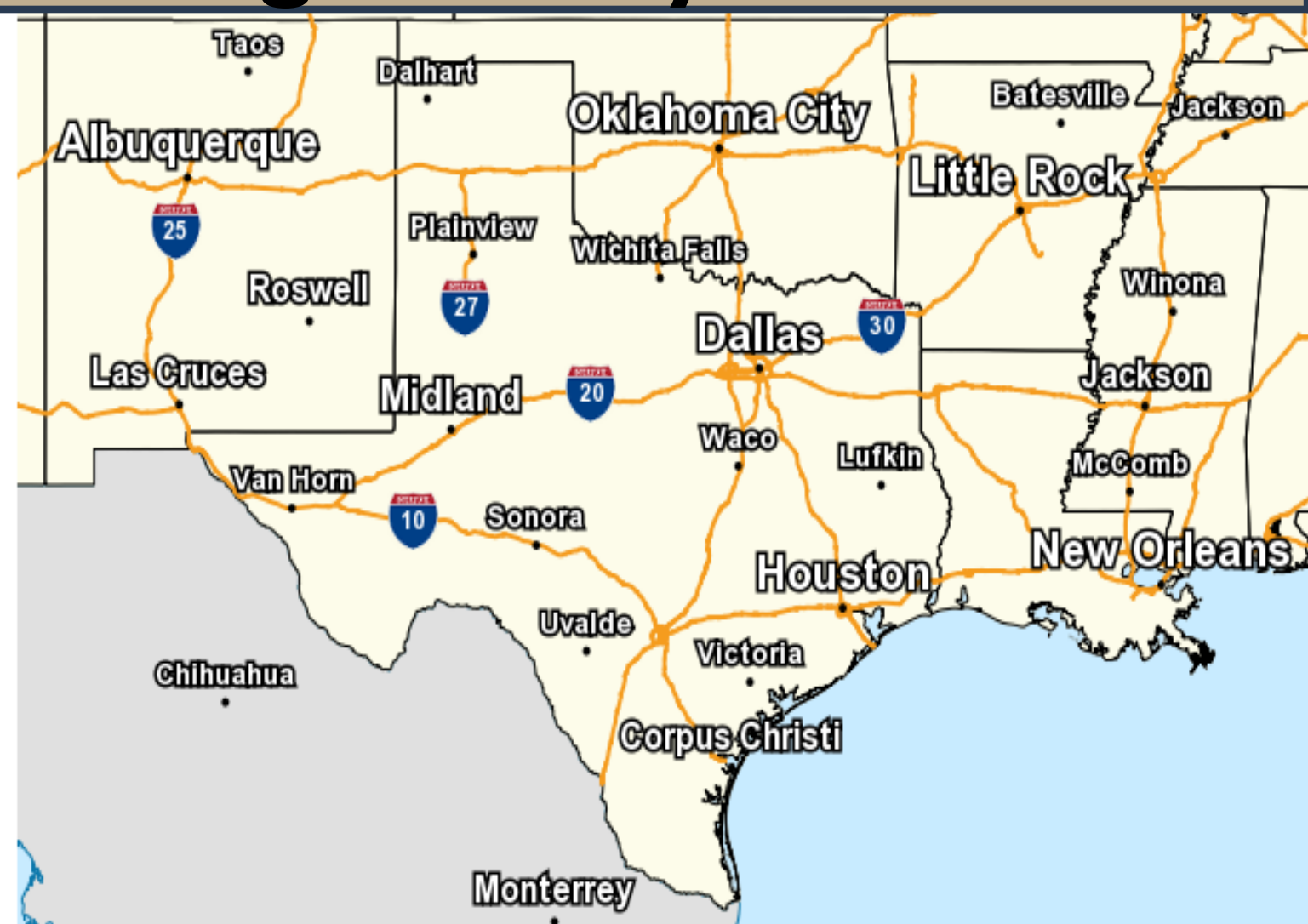
## Severe Weather & Flooding



Graphic Created

**Flash Flood Watches in effect  
across OK, W AR, and  
NTX.**

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created



# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall

**Severe thunderstorms possible across TX and over NE AR. Damaging winds/hail are the main threats. Low tornado threat.**

**Marginal risk of severe storms over portions of TX, SE OK, NW LA, and AR**

**Heavy rain/flash flooding possible across parts of TX, SE OK, NW LA, and AR**

## Severe Weather Outlook

## Excessive Rainfall Outlook

Thursday, May 02, 2019

### Rainfall Outlook

May 02 2019  
May 03 2019  
Issued May 01 2019  
NWS  
/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

**HIGH: > 50%**      **SLGT: 10%-20%**  
**MDT: 20%-50%**    **MRGL: 5%-10%**

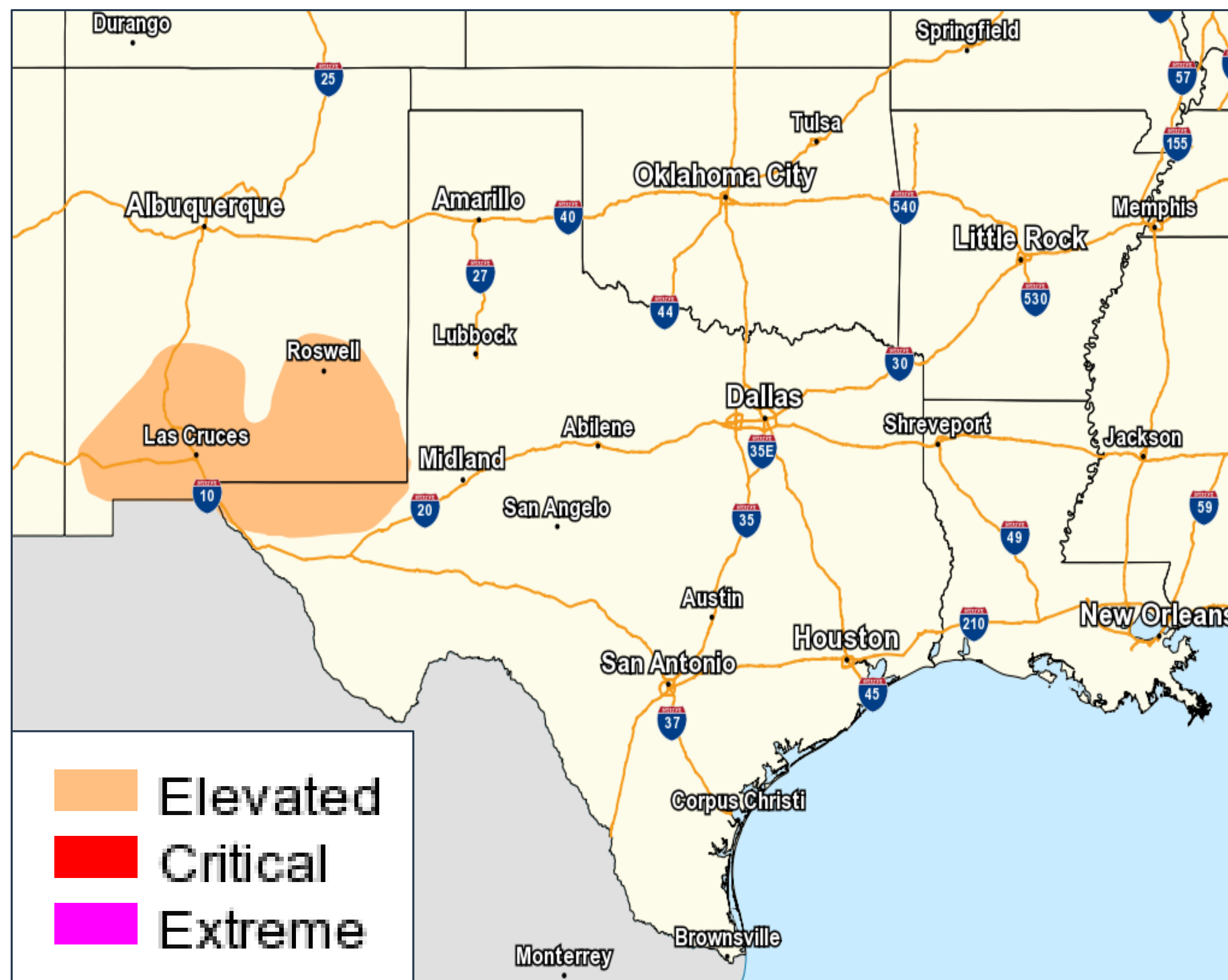


# Fire Weather Outlooks

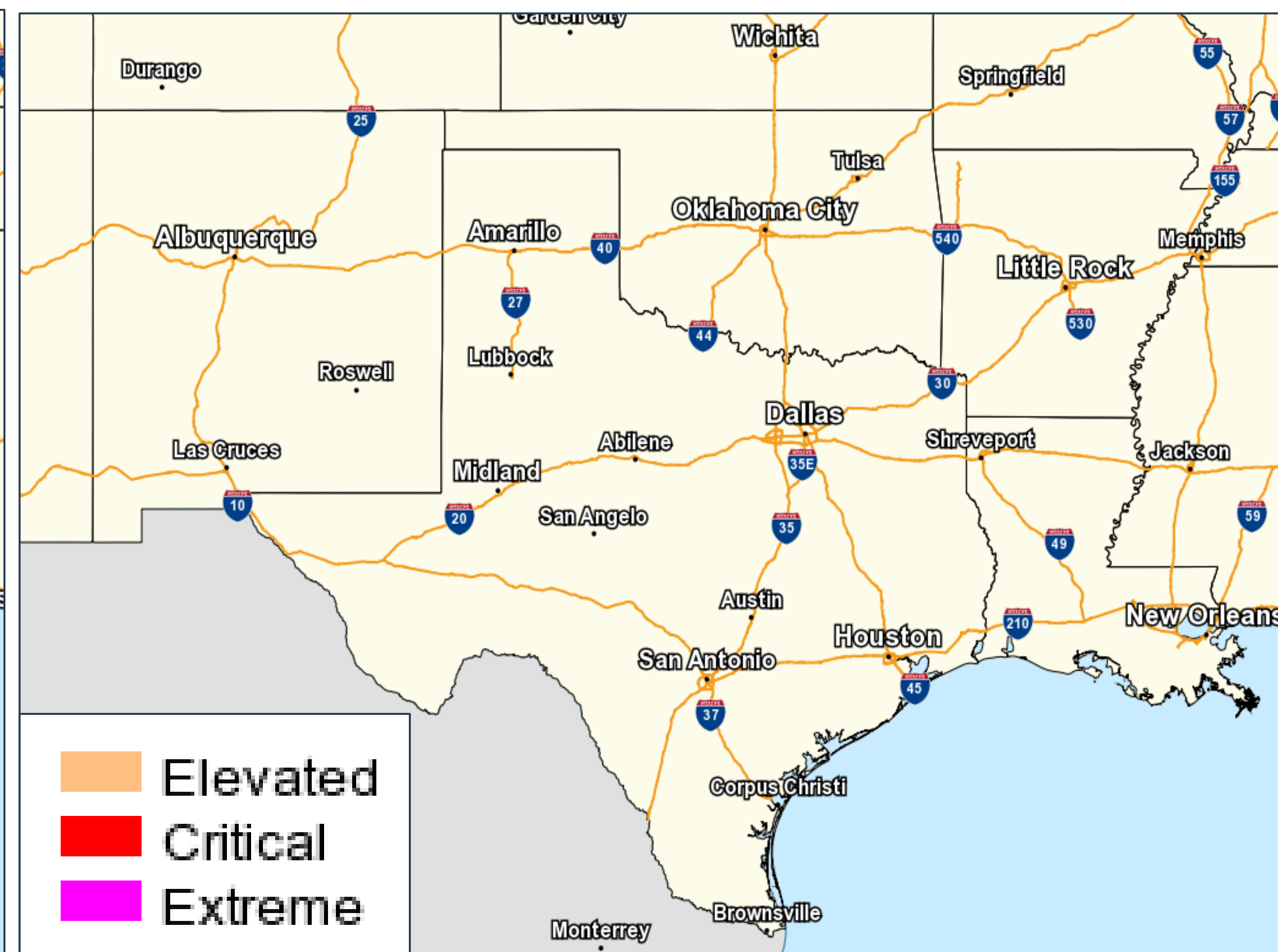


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## Today's Fire Weather Outlook



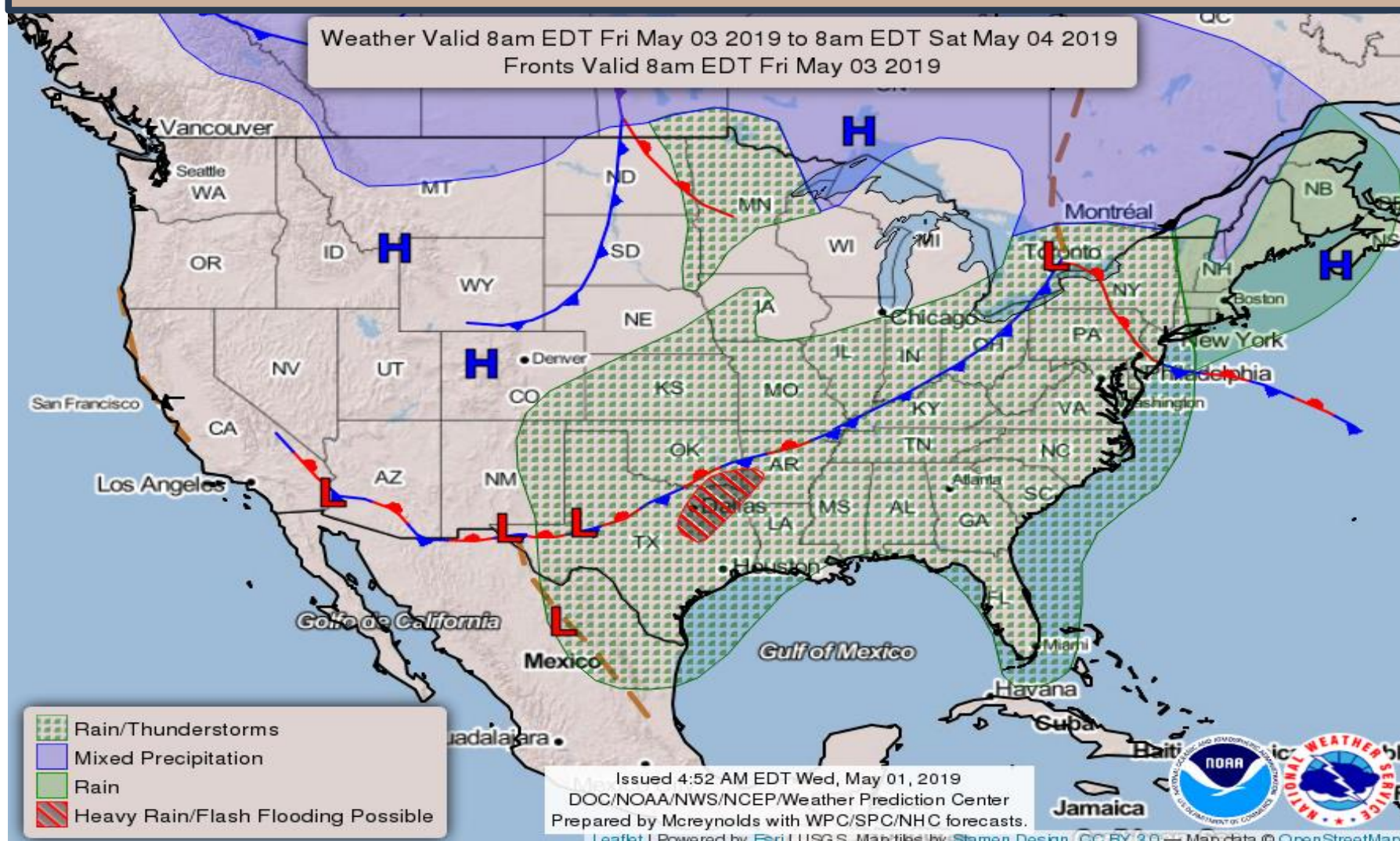
## Tomorrow's Fire Weather Outlook



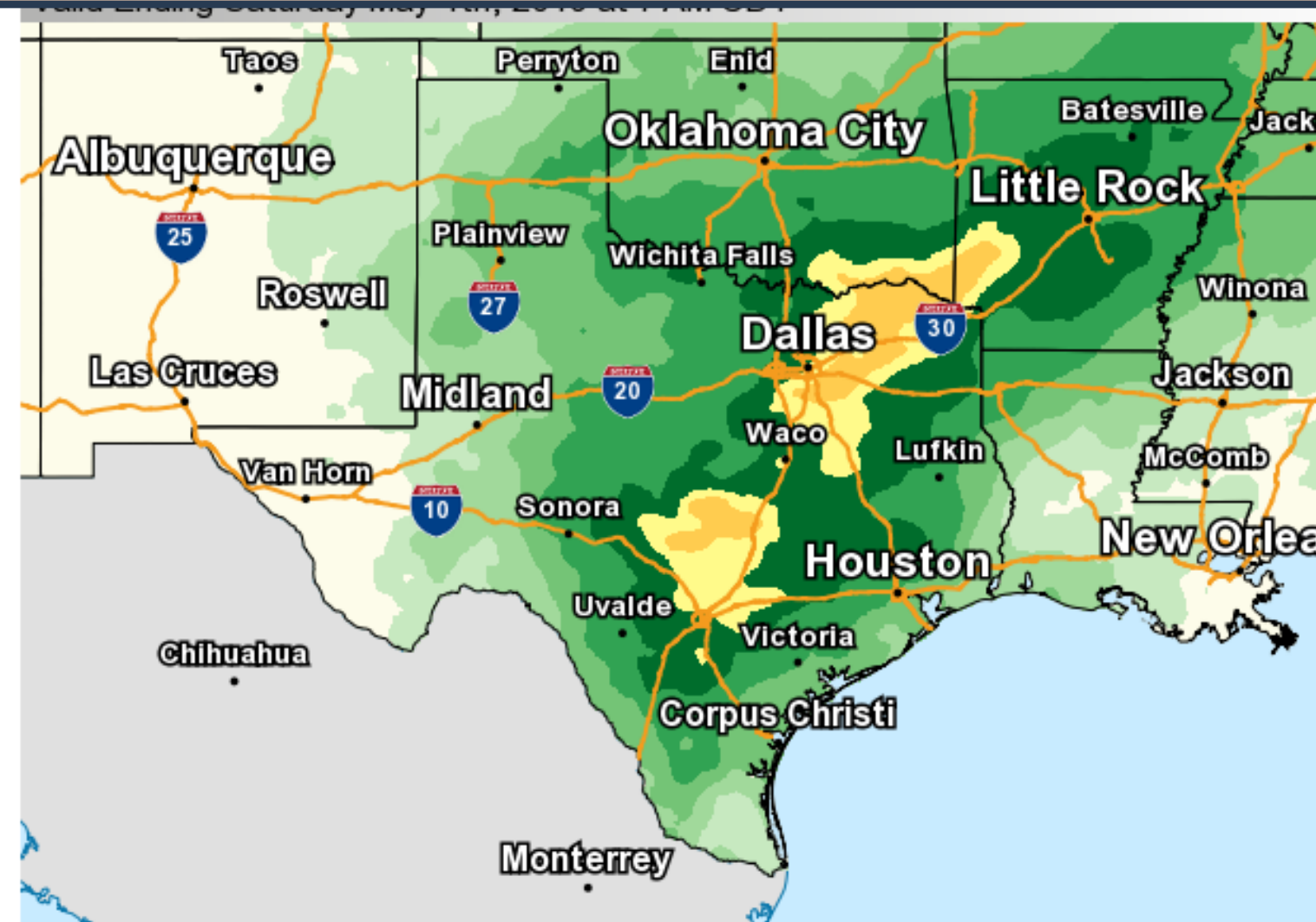
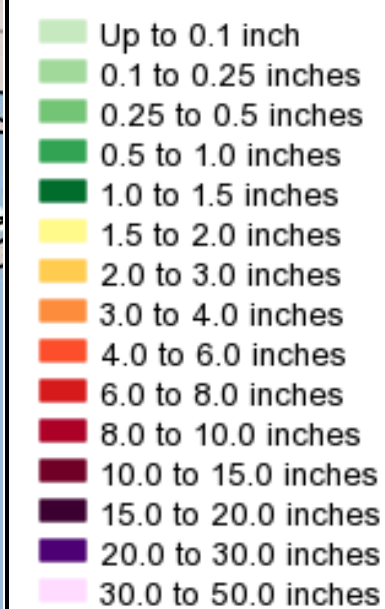


# Friday's Weather

## Forecast Chart



## Forecast Rainfall



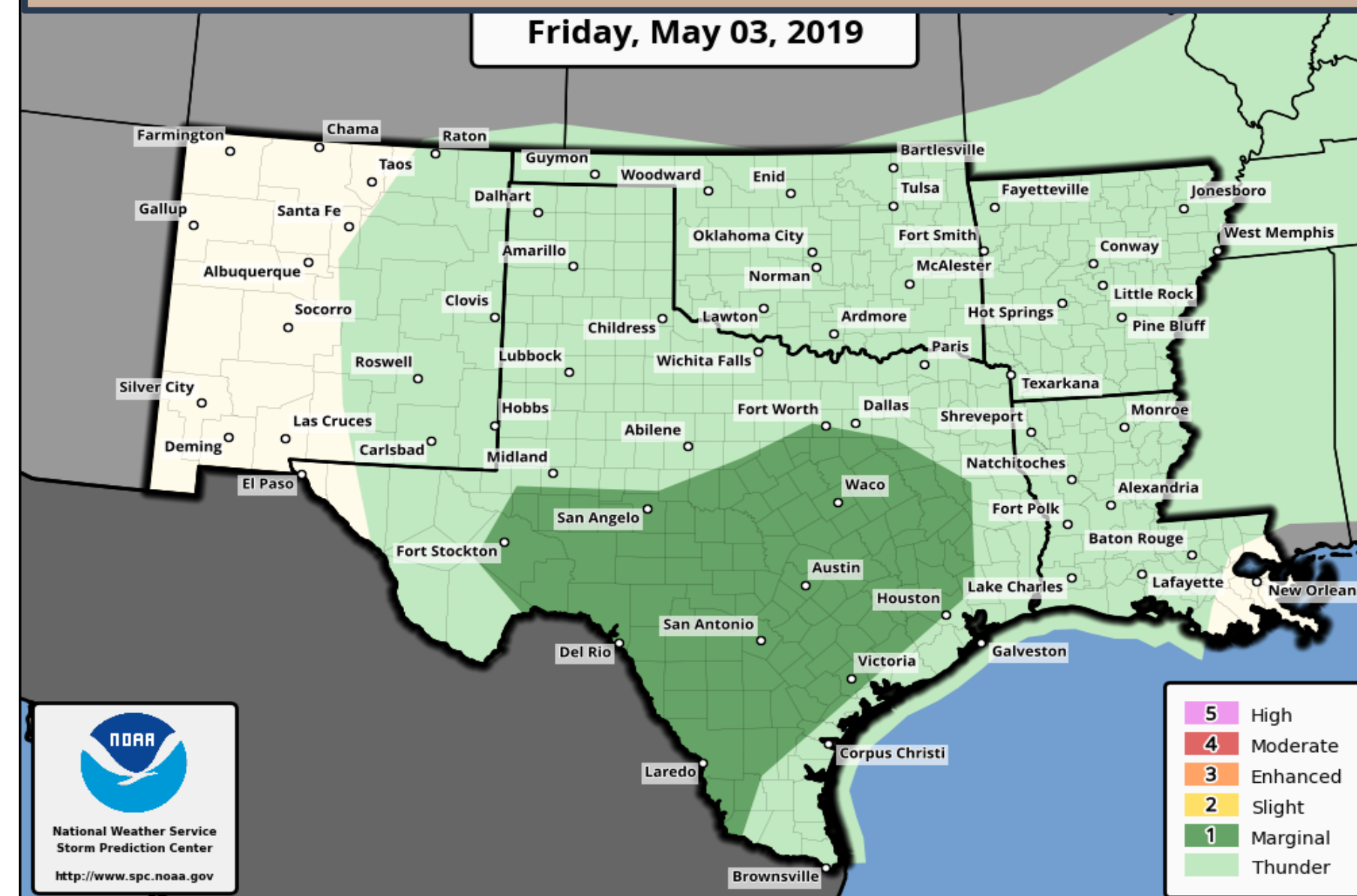
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Isolated strong to severe storm threat over TX.

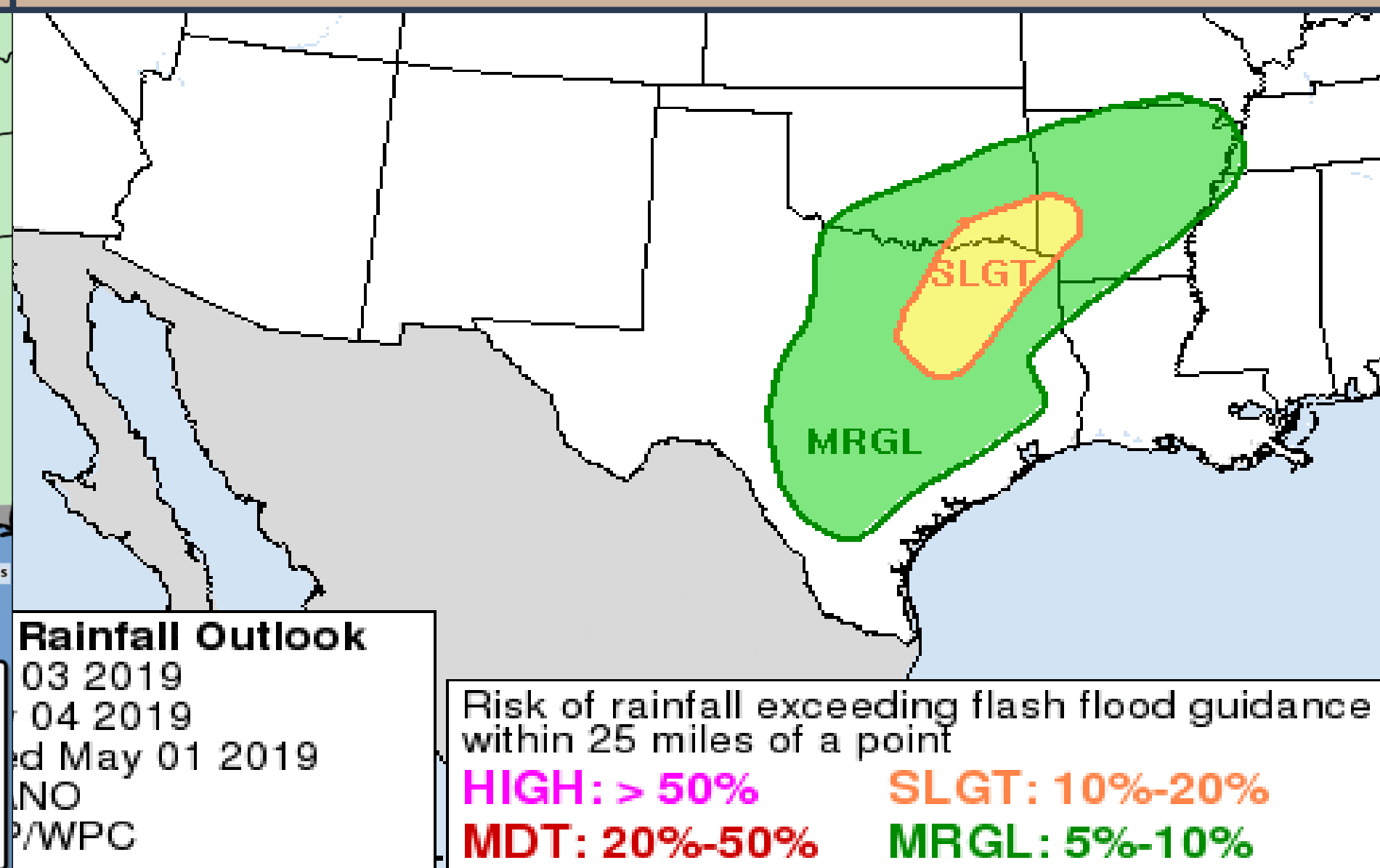
Slight risk of heavy rain and flash flooding NE TX, SE OK, and W AR.

## Severe Weather Outlook

Friday, May 03, 2019



## Excessive Rainfall Outlook



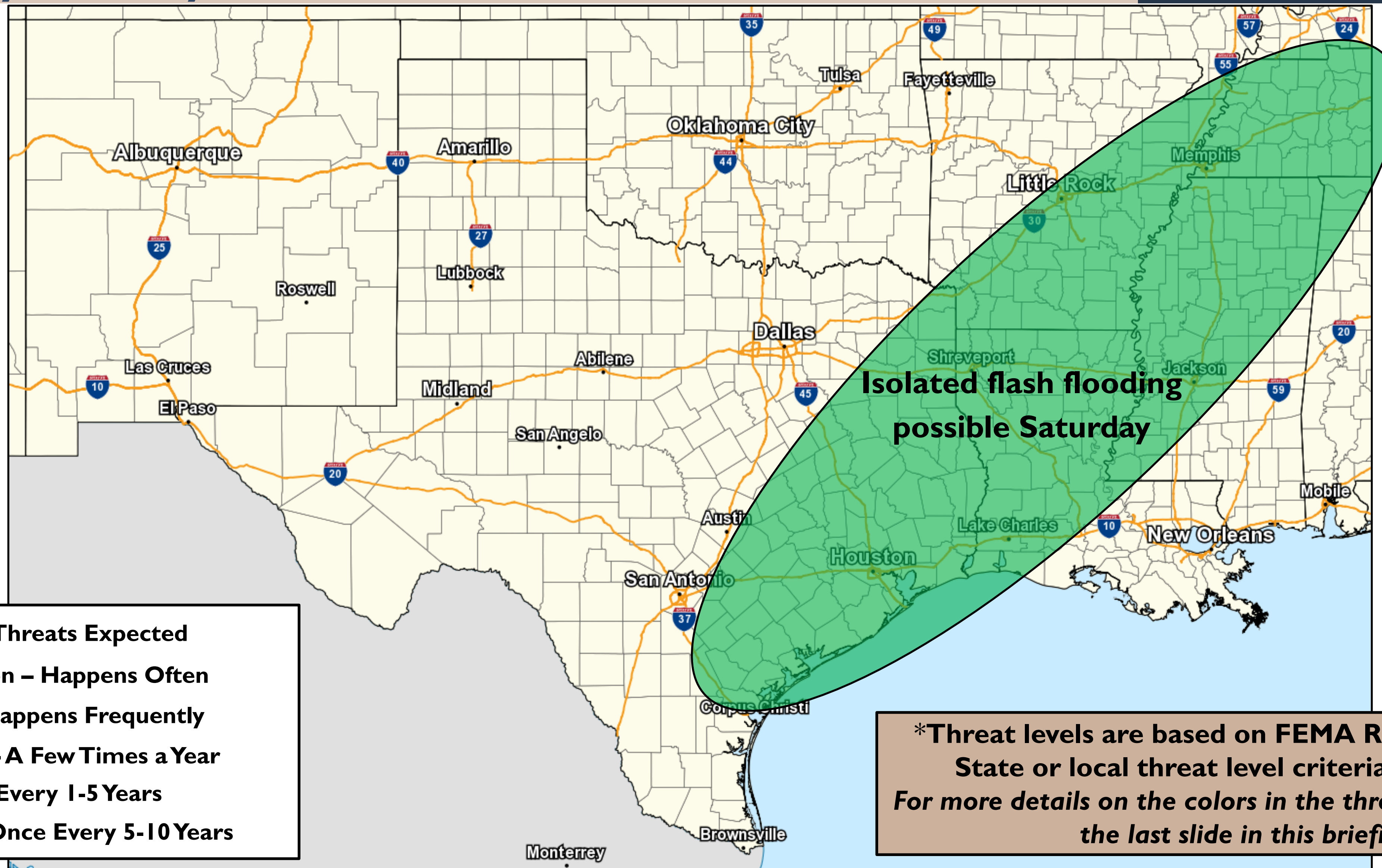


# Days 4-5 Weather Hazards

Saturday - Sunday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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For more details on the colors in the threat matrix refer to the last slide in this briefing.*

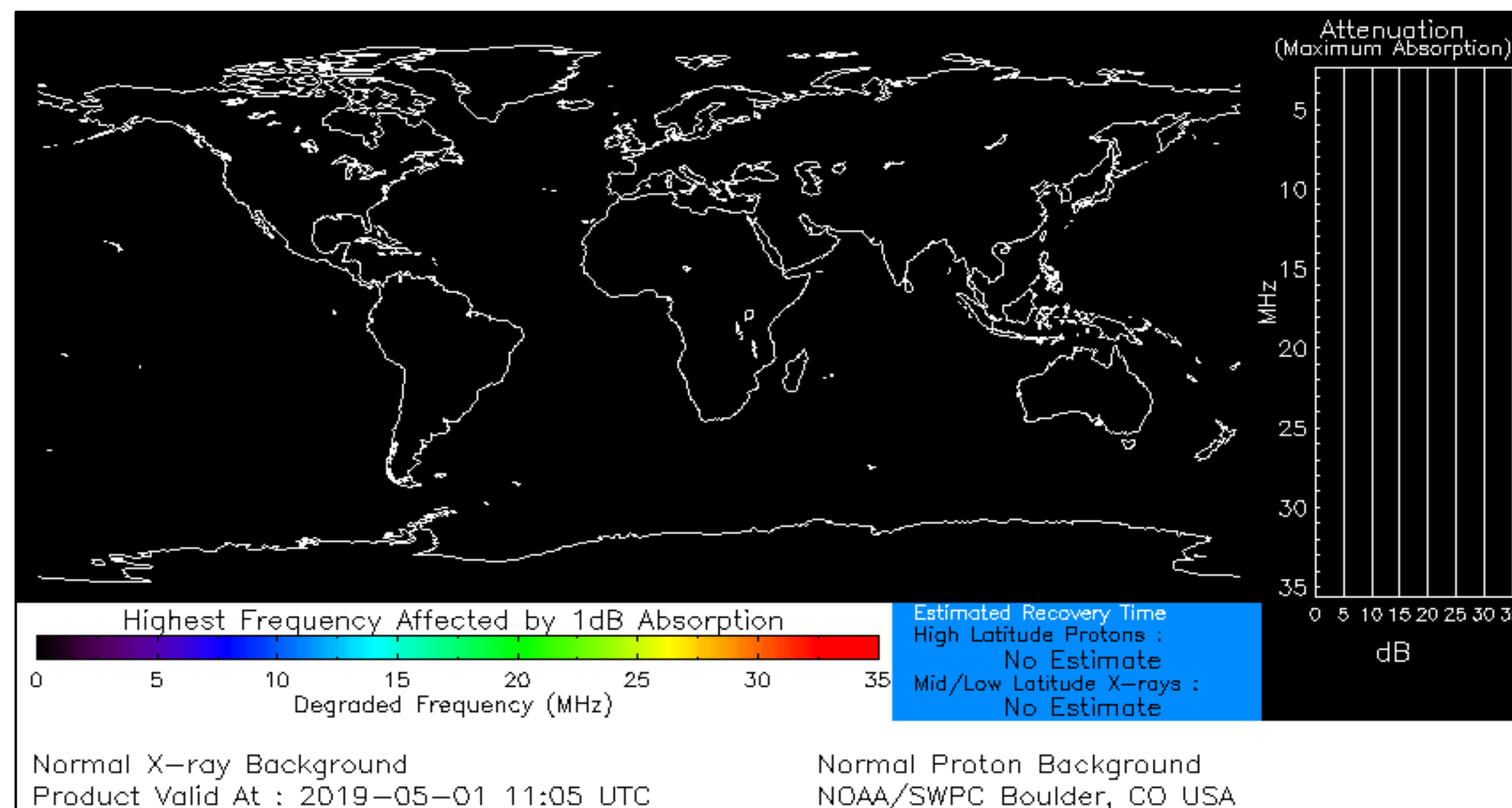


# Space Weather 3-Day Forecast



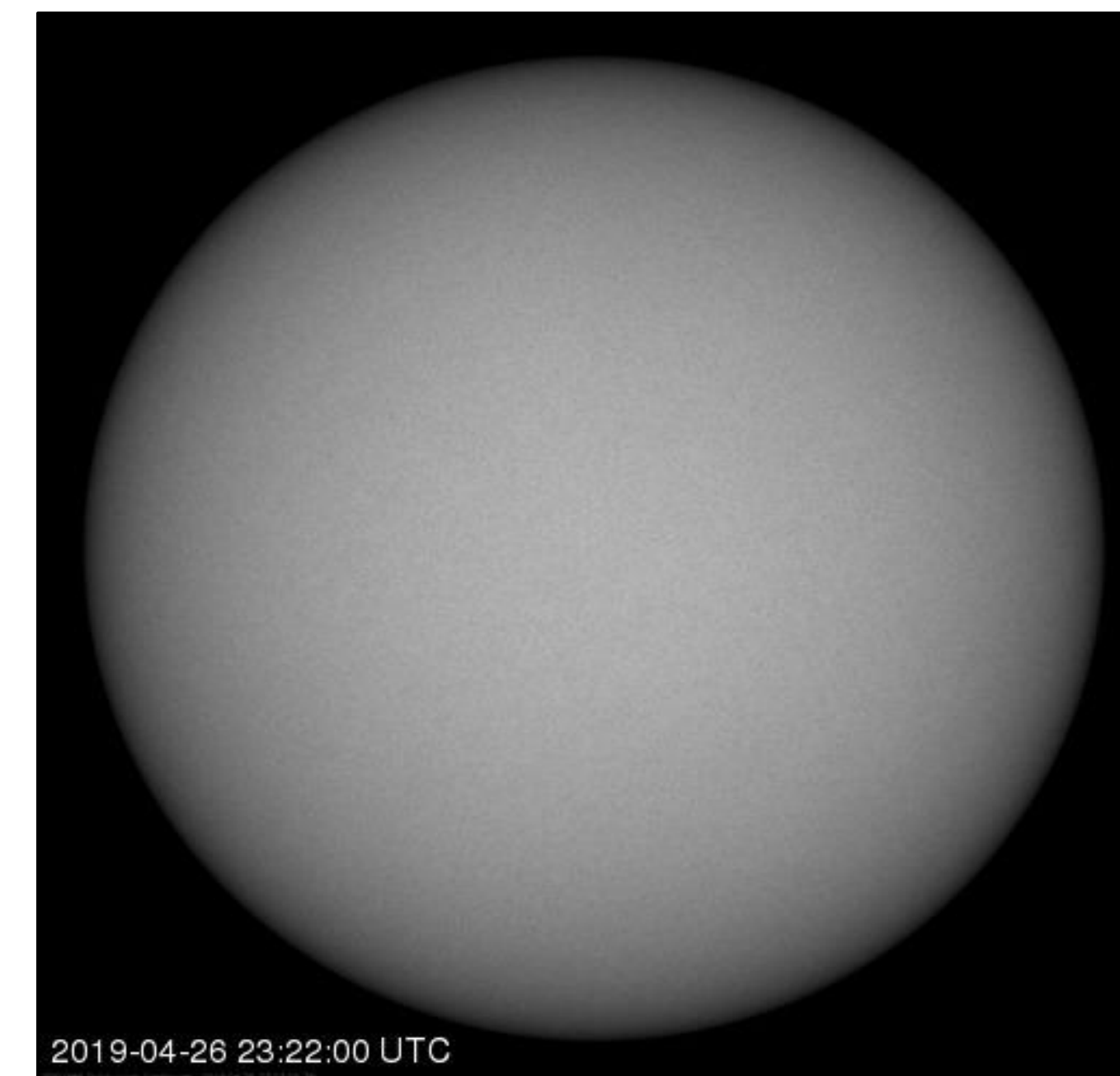
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2019-04-26 23:22:00 UTC





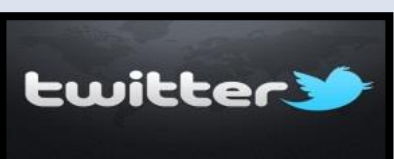
# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**